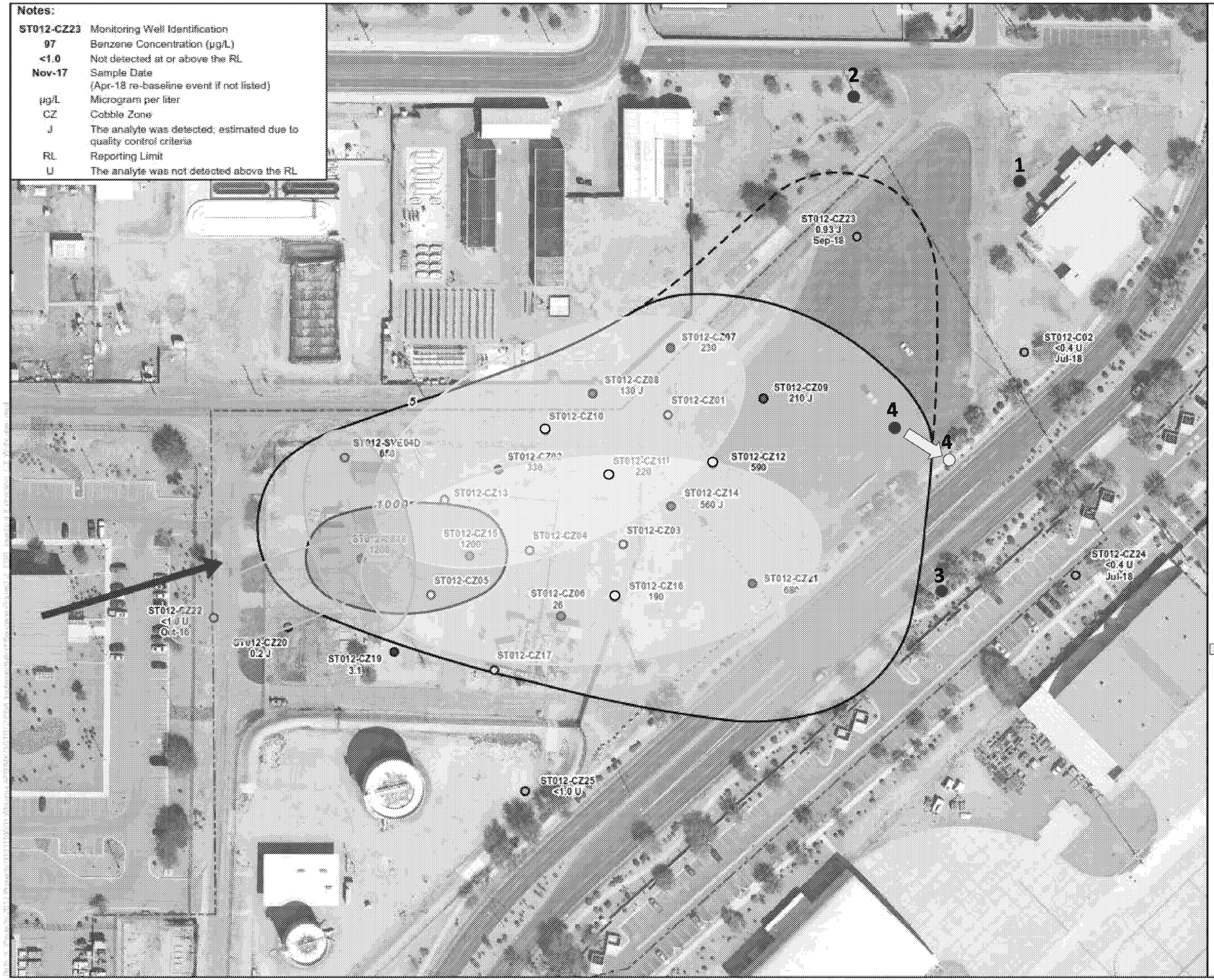
Notes:

ST012-CZ23	Monitoring Well Identification
97	Benzene Concentration (µg/L)
<1.0	Not detected at or above the RL
Nov-17	Sample Date (Apr-18 re-baseline event if not listed)
µg/L	Microgram per liter
CZ	Cobble Zone
J	The analyte was detected; estimated due to quality control criteria
RL	Reporting Limit
U	The analyte was not detected above the RL



Legend

Benzene Concentrations (µg/L) in Groundwater

(Dashed Where Inferred)

- 5-999 µg/L
- 1000-4999 µg/L
- Extraction Well Location
- Injection Well Location
- Groundwater Monitoring Well Location
- Perimeter Groundwater Monitoring Well Location
- Other Existing Well Location (Not in Defined Sampling Plan)
- Former (Apr-18) 5 µg/L benzene extent
- Approximate Groundwater Flow Direction
- ST012 Site Boundary
- Primary Target Area of Sulfate Distribution By Injection-Extraction
- Secondary Target Area of Sulfate Distribution by Extraction
- Original Proposed by EPA Well Location
- Revised Proposed Well Location

0 25 50 100 Feet

N

Pilot Study Implementation
Site ST012 - Former Williams Air Force Base
Mesa, Arizona

ST012 CZ Benzene Concentration, Well Locations, and Injection Areas

FIGURE 3-2	Job No.: 9101110001
	PM: DS
	Date: 10/9/2018
	Scale: 1" = 100'

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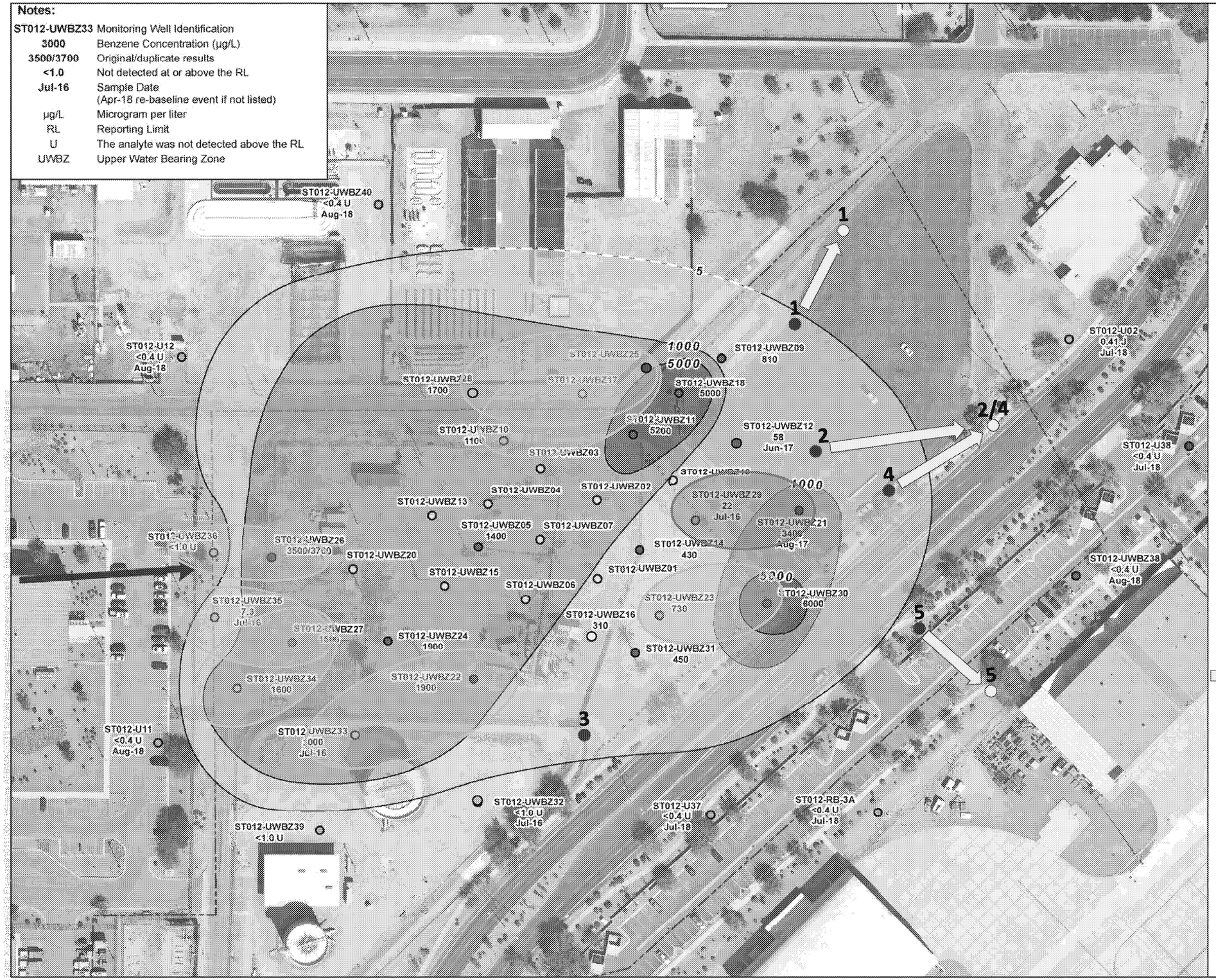
Notes:

ST012-UWBZ33	Monitoring Well Identification
3000	Benzene Concentration (µg/L)
3500/3700	Original/duplicate results
<1.0	Not detected at or above the RL
Jul-16	Sample Date (Apr-18 re-baseline event if not listed)
µg/L	Microgram per liter
RL	Reporting Limit
U	The analyte was not detected above the RL
UWBZ	Upper Water Bearing Zone



Legend

Benzene Concentrations (µg/L) in Groundwater

(Dashed Where Inferred)

- 5-999 µg/L
- 1000-4999 µg/L
- ≥5000 µg/L
- Approximate Groundwater Flow Direction
- Extraction Well Location
- Injection Well Location
- Groundwater Monitoring Well Location
- Perimeter Groundwater Monitoring Well Location
- Other Existing Well Location (Not in Defined Sampling Plan)
- ST012 Site Boundary
- Primary Target Area of Sulfate Distribution By Injection-Extraction
- Secondary Target Area of Sulfate Distribution By Injection-Extraction During Subphases 3-4
- Original Proposed by EPA Well Location
- Revised Proposed Well Location

0 25 50 100 Feet

N

Pilot Study Implementation
Site ST012 - Former Williams Air Force Base
Mesa, Arizona

ST012 UWBZ Benzene Concentration, Well Locations, and Injection Areas

FIGURE		
3-3	Job No.:	9101110001
	PM:	DS
	Date:	10/2/2018
	Scale:	1" = 100'

This map shown here has been created with all due and reasonable care and is strictly for use with Amec Foster Wheeler Project Number 9101110001. This map has not been certified by a licensed land surveyor, and any third-party use of this map is/was without warranties of any kind. Amec Foster Wheeler assumes no liability, direct or indirect, whatsoever for any such third party or unintended use.

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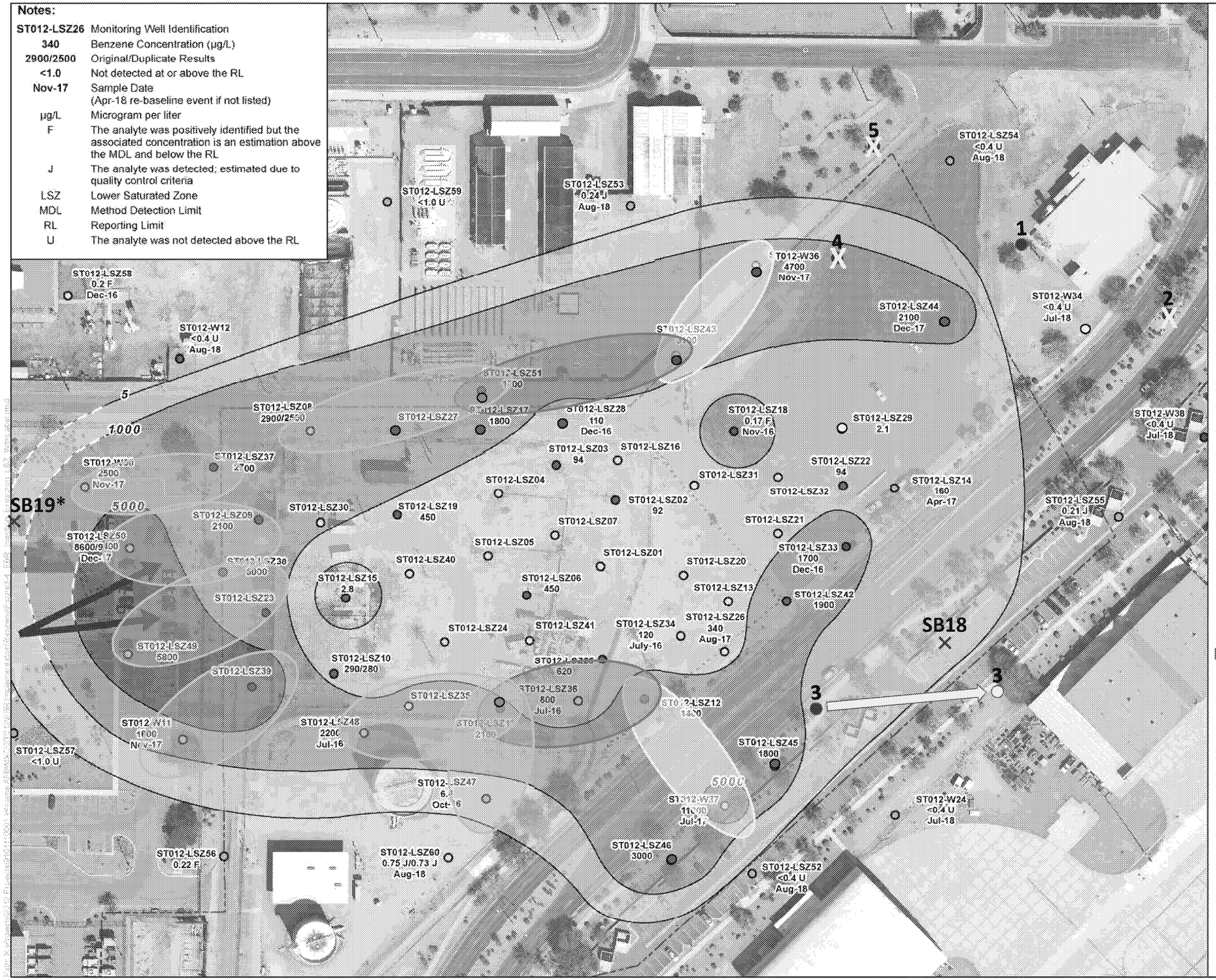
Notes:

ST012-LSZ26	Monitoring Well Identification
340	Benzene Concentration (µg/L)
2900/2500	Original/Duplicate Results
<1.0	Not detected at or above the RL
Nov-17	Sample Date (Apr-18 re-baseline event if not listed)
µg/L	Microgram per liter
F	The analyte was positively identified but the associated concentration is an estimation above the MDL and below the RL
J	The analyte was detected; estimated due to quality control criteria
LSZ	Lower Saturated Zone
MDL	Method Detection Limit
RL	Reporting Limit
U	The analyte was not detected above the RL



Legend

Benzene Concentrations (µg/L) in Groundwater

(Dashed Where Inferred)

- 5-999 µg/L
- 1000-4999 µg/L
- ≥5000 µg/L
- Approximate Range of Groundwater Flow Direction
- Extraction Well Location
- Injection Well Location
- Groundwater Monitoring Well Location
- Perimeter Groundwater Monitoring Well Location
- Other Existing Well Location (Not in Defined Sampling Plan)
- ST012 Site Boundary
- Primary Target Area of Sulfate Distribution By Injection-Extraction
- Secondary Target Area of Sulfate Distribution By Injection-Extraction During Subphases 2-4
- Tertiary Target Area of Sulfate Distribution By Initial Small Mass Injection-Extraction, then Subphase 4+
- Original Proposed by EPA Well Location
- Revised Proposed Well Location
- Proposed Eliminated Well Location

0 25 50 100 Feet

N

Pilot Study Implementation
Site ST012 - Former Williams Air Force Base
Mesa, Arizona

ST012 LSZ Benzene Concentration, Well Locations, and Injection Areas

FIGURE 3-4	Job No.: 9101110001
	PM: DS
	Date: 10/2/2018
	Scale: 1" = 100'

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***Soil boring SB19 located approximately 50 feet west of location shown, out of figure view**